

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	22221/1080	Continuation of 09/716,964
	APPLICANT	
	O'Donnell, et al.	
	FILING DATE	GROUP ART UNIT
	Herewith	To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
<i>PK</i>	1	5,192,674	03/09/1993	Oshima et al.	<i>28</i>		
<i> </i>	2	5,242,818	09/07/1993	Oshima et al.			
	3	5,322,785	06/21/1994	Comb et al.			
	4	5,352,778	10/04/1994	Comb et al.			
	5	5,374,553	12/20/1994	Gelfand et al.			
	6	5,413,926	05/09/1995	Oshima et al.			
	7	5,500,363	03/19/1996	Comb et al.			
<i>PK</i>	8	5,545,552	08/13/1996	Mathur			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
<i>PK</i>	9	WO 91/09950	07/11/1991	WIPO			
<i>PK</i>	10	WO 93/15115	08/05/1993	WIPO			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>PK</i>	11	Rudinger, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," In: Peptide Hormones, Ed. J.A. Parsons. University Park Press, Baltimore, MD, pages 1-7 (1976)
	12	Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," In: The Protein Folding Problem and Tertiary Structure Prediction, Eds. Merz et al., Birkhauser et al., Boston, MA, pages 491-495 (1994)
	13	Thornton et al., <u>Current Opinion in Biotechnology</u> 6(4):367-369 (1995)
	14	Wallace, <u>FASEB Journal</u> 7:505-515 (1993)
	15	McHenry et al., <u>J. Mol. Biol.</u> 272:178-189 (1997)
EXAMINER <i>[Signature]</i>		DATE CONSIDERED <i>2/10/00</i>
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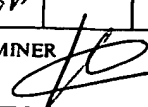
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PV	16	5,583,026	12/10/1996	O'Donnell			
I	17	5,618,711	04/08/1997	Gelfand et al.			
	18	5,624,833	04/29/1997	Gelfand et al.			
	19	5,633,159	05/27/1997	Pearson et al.			
	20	5,736,373	04/07/1998	Hamilton			
	21	5,744,312	04/28/1998	Mamone et al.			
	22	5,789,224	08/04/1998	Gelfand et al.			
RV	23	5,830,714	11/03/1998	Swaminathan et al.			

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PV I RV	24	Yurieva et al., <u>J. Biol. Chem.</u> 272(43):27131-27139 (1997)
	25	Bukhrashvili et al., <u>Biochimica et Biophysica Acta</u> 1008:102-107 (1989)
	26	Elic et al., <u>Biochimica et Biophysica Acta</u> 951:261-267 (1988)
	27	Pluthero, <u>Nucleic Acids Research</u> 21(20):4850-4851 (1993)
	28	Alonso et al., <u>Nucl. Acids Res.</u> 18:6771-6777 (1990)
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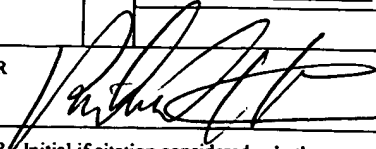
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RH	29	5,834,285	11/10/1998	Comb et al.			
	30	6,066,483	05/23/2000	Riggs et al.			
	31	6,100,078	08/08/2000	Riggs et al.			
RH	32	6,238,905 B1	05/29/2001	McHenry et al.			
	33	6,395,526 B1	05/28/2002	Uemori et al.			

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RH	34	Blinkowa et al., <u>Nucleic Acids Research</u> 18:1725-1729 (1990)
	35	Carter et al., <u>J. Bacteriol</u> 175:3812-3822 (1993)
	36	Chen et al., <u>Proc. Natl. Acad. Sci USA</u> 5211-5215 (1992)
	37	Cullman et al., <u>Mol. Cell Biol.</u> 150:4661-4671 (1995)
	38	Dong et al., <u>J. Biol. Chem.</u> 11758-11766 (1993)
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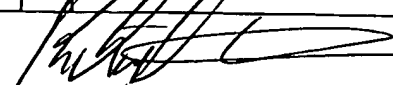
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R.V.	39	Flower et al., <u>Proc. Natl. Acad. Sci. USA</u> 87:3713-3717 (1990)
	40	Guibus et al., <u>Cell</u> 87:297-306 (1996)
	41	Jack et al., <u>Cell</u> 55:447-458 (1988)
	42	Kelman et al., <u>Curr Opin Gen & Dev</u> 4:185-195 (1994)
	43	Kong et al., <u>Cell</u> 69:425-437 (1992)
	44	Kornberg et al., <u>DNA Replication</u> , 2 nd ed. New York: W.H. Freeman com, pp. 165-194 (1992)
R.V.	45	Krishna et al., <u>Cell</u> 79:1233-1243 (1994)
	46	Kuriyan et al., <u>J. Mol. Biol.</u> 234:915-925 (1993)
	47	Larsen et al., <u>J. Bact.</u> 176:6842-6851 (1994)
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	48	Lee et al., <u>Proc. Natl. Acad. Sci. USA</u> 84:2713-2717 (1987)
	49	Maki et al., <u>J. Biol. Chem.</u> 263:6570-6578 (1988)
	50	McHenry et al., <u>J. Biol. Chem.</u> 257:1657-1663 (1982)
	52	O'Donnell et al., <u>Mol. Cell Biol.</u> 3:953-957 (1992)
	53	O'Donnell et al., <u>Nucl. Acids Res.</u> 21:1-3 (1993)
	54	Onrust et al., <u>J. Biol. Chem.</u> 270:13366-13377 (1995)
	55	Onrust et al., <u>J. Biol. Chem.</u> 266:21681-21686 (1991)
	56	Perrino et al., <u>Biochemistry</u> 29:5226-5231 (1990)
	57	Studwell-Vaughan, <u>J. Biol. Chem.</u> 266:19833-19841 (1991)
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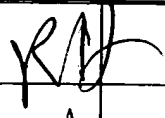
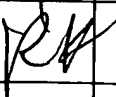
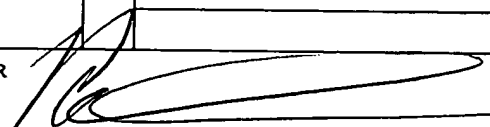

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	58	Stukenberg et al., <u>J. Biol. Chem.</u> 266:11328-11334 (1991)
	59	Tsuchihashi et al., <u>Proc. Natl. Acad. Sci. USA</u> 87:2516-2520 (1990)
	60	Tsuchihashi et al., <u>Gen. & Dev.</u> 6:511-519 (1992)
	61	Tsuchihashi et al., <u>J. Biol. Chem.</u> 264:17790-17795 (1989)
	62	Weiss et al., Cold Spring Harbor Symposia on Quantitative Biology, 52:687-693 (1987)
	63	Yin et al., <u>Nucl. Acids Res.</u> 14:6541-6549 (1986)
	64	Yuzhakov et al., <u>Cell</u> 86:877-886 (1996)
	65	Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox, in The Program Folding Problem and Tertiary Structure Prediction, Merz et al. (ed.), Birkhauser, Boston, MA, pp. 433 and 492-495 (1994)
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